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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 8582 (1977): Supplier's data sheet for basket type centrifuges [MED 17: Chemical Engineering Plants and Related Equipment]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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*Indian Standard*

SUPPLIER'S DATA SHEET FOR BASKET TYPE CENTRIFUGES

1. Scope — Covers the technical data to be supplied by a manufacturer or a supplier of a basket type centrifuge to a purchaser.

2. Supplier's Data Sheet

SUPPLIER'S DATA SHEET FOR BASKET TYPE CENTRIFUGES

Centrifuge

- 1) Type of centrifuge.....
- 2) Maker.....
- 3) Model.....
- 4) Power input.....kW
- 5) Speed.....rev/min
- 6) Capacity on solid basis.....
- 7) Separation efficiency.....
- 8) Device for protection against overload provided (Yes/No).....
- 9) Type of basket.....
- 10) Basket diameter and depth.....mm
- 11) Basket speed, Max.....rev/min
- 12) Centrifugal force, Max.....N
- 13) Maximum operating pressure.....kPa
- 14) Dimensions of backing screen.....
- 15) Filter screen data.....
- 16) Diameter of feed pipe.....mm
- 17) Type of flow assembly.....

Materials of Construction

- 18) Belt.....
- 19) Curb and cover.....
- 20) Cover door.....
- 21) Curb inspection door.....
- 22) Plough contact parts.....
- 23) Plough tip.....
- 24) Gaskets and seals.....
- 25) Backing screen.....
- 26) Feed pipe.....
- 27) Rinse pipe.....
- 28) Basket.....
- 29) Shaft.....

Motor Data

- 30) Type.....
- 31) Power output.....kW

(Continued)

SUPPLIER'S DATA SHEET FOR BASKET TYPE CENTRIFUGES — Contd

32) Speed.....rev/min

33) Electric supply:

a) Volts.....

b) Phase.....

c) Hertz.....

d) Direct current.....volts

34) Type of motor mounting.....

35) Manufacturer of motor mounting.....

36) Type of motor enclosure.....

Drive Data

37) Type of drive.....

38) Specification of V-belts.....

39) Dimensions of pulley.....

40) Type of control system.....

Remarks

41) Other salient features

EXPLANATORY NOTE

The information given by a manufacturer or a supplier according to the above data sheet will enable a purchaser to evaluate the product before he finally decides to purchase a particular brand or type.

International system (SI) of units has been used in the standard. The relationship of these units to other units are given below for guidance:

$$\begin{aligned}1 \text{ pascal (Pa)} &= 1 \text{ newton/square metre (N/m}^2\text{)} \\&= 0.102 \text{ kgf/m}^2\end{aligned}$$